

FEB 22 2007

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Attention:	MAIL STOP AMENDMENT Group Art Unit: 2611 Examiner: BENGHUZZI, Mohsin M.	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 270-1075
Pages:	Cover + 2 + 1 = 4	Date:	February 22, 2007
From:	Georgann S. Grunebach	Fax:	(310) 964-0941
	Assistant General Counsel	Phone:	(310) 964-4615

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**CERTIFICATION OF FACSIMILE TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence identified below is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number), addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 22, 2007.

  
Georgann S. Grunebach, Reg. No. 33,179  
Telephone No. (310) 964-4615 (Printed Name of Person Signing Certificate)

February 22, 2007  
(Date of Signature)

**Attention: Commissioner for Patents****Attorney Docket No. PD-202088**

Please find attached Re:

Serial No.: 10/691,032

Filing Date: October 22, 2003

- INFORMATION DISCLOSURE STATEMENT (2 pages)
- SUBSTITUTE PTO FORM 1449 (1 page)


If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

The DirecTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

FEB 22 2007

Patent  
PD-202088  
Customer No. 020991

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Weizheng Wang et al.	I hereby certify that this correspondence is being facsimile transmitted to (571) 273-8300 (Centralized Facsimile Number) and envelope addressed to:
Serial No.: 10/691,032	
Filing Date: October 22, 2003	
For: UNBLIND EQUALIZER ARCHITECTURE FOR DIGITAL COMMUNICATION SYSTEMS	Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria VA 22313-1450
Group Art Unit: 2611	on the date below.
Examiner: BENGHUZI, Mohsin M.	 Georgann S. Grunebach (Typed or printed name of person signing certificate)
	Date: February 22, 2007

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97 (c)**Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references cited on the enclosed form PTO/SB/08A may be relevant or material to the examination of the above-identified patent application and are, therefore, submitted in compliance with the duty of disclosure defined in 37 C.F.R. §1.56.

The references were cited in an Office Action dated February 6, 2006 in related patent application serial number 10/532,632 filed April 25, 2005.

This statement should be considered because it is submitted after the mailing date of a first Office action on-the-merits, but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application.

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No fee is due as this statement is submitted as certified below under 37 C.F.R. §1.97(e)(1) or (2) by the undersigned.

Certification Under 37 C.F.R. §1.97(e)

No item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56 (c) more than three months prior to the filing of the information disclosure statement (certification under 37 C.F.R. § 1.97 (e)(2)).

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,

By: 

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February 22, 2007

<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/691,032
		Filing Date	October 22, 2003
		First Named Inventor	Weizheng Wang
		Art Unit	2611
Date: February 22, 2007		Examiner Name	BENGHUZZI, Mohsin M.
Sheet 1 of 1		Attorney Docket Number	PD-202088

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-6,956,841	10-2005	Stahle et al.	
		US-6,049,566	04-2000	Saunders et al.	
		US-2002/0136327	09-2002	El-Gamal et al.	
		US-7,154,958	12-2006	Dabak et al.	
		US-2003/0194022	10-2003	Hammons et al.	
		US-2004/0146014	07-2004	Hammons et al.	
		US-2002/0051435	05-2002	Giallorenzi et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.